## Invited Lecture By

Dr. Debashish Sharma

Report

17th February 2020

On 17<sup>th</sup> February 2020, the Department of Mathematics, St. Edmund's College organized an insightful and enriching invited talk on "Counting in Mathematics" delivered by Dr. Debashish Sharma. Dr. Sharma, an esteemed alumnus of our college, has made significant strides in the field of mathematics and is currently an Assistant Professor at Gurucharan College, Silchar. His lecture was aimed at deepening the understanding of various counting techniques, the pigeonhole principle, and other related mathematical concepts. The event saw enthusiastic participation from students majoring in mathematics as well as those from the physical sciences departments.

Dr. Debashish Sharma, a former student of St. Edmund's College, completed his higher secondary education here and went on to pursue higher education in mathematics and has since contributed to numerous research projects and publications.

Dr. Sharma began his talk with a brief introduction to the significance of counting in mathematics, highlighting its fundamental role in various branches such as combinatorics, probability, and statistics. He explained that counting is not just about enumerating objects but involves understanding the underlying structures and patterns. The key topics covered were permutations and combinations, the Pigeonhole principle and other related topics.

Following the lecture, an interactive session was held where students had the opportunity to engage with Dr. Sharma. The questions ranged from basic clarifications to more complex problems, reflecting the diverse understanding of the audience.

The invited talk by Dr. Debashish Sharma was a resounding success, offering a deep dive into the world of counting in mathematics. It not only reinforced foundational concepts but also opened new avenues for students to explore advanced topics. The interactive session was particularly beneficial, fostering a dynamic exchange of ideas and encouraging further exploration into the subject.

The Department of Mathematics extends its heartfelt gratitude to Dr. Sharma for his enlightening talk and to all the participants for their enthusiastic involvement. We look forward to organizing more such events to continue inspiring and nurturing a passion for mathematics among our students.

## **Student's Registration**



## Photo Gallery











